DOCUMENT RESUME

ED 375 881 JC 940 597

TITLE	1993-94 Graduates and Completers Summary.
INSTITUTION	Pima Community Coll., Tucson, AZ. Office of Research and Planning.
PUB DATE	Sep 94
NOTE	60p.
PUB TYPE	Statistical Data (110)
EDRS PRICE	MF01/PC03 Plus Postage.
DESCRIPTORS	*Associate Degrees; *College Graduates; Community Colleges; *Educational Certificates; Females; General Education; Legal Education (Professions); Longitudinal Studies; Males; Minority Groups; Nursing Education; *Student Characteristics; *Technical Education; Two Year Colleges; Two Year College Students
IDENTIFIERS	Pima Community College AZ

ABSTRACT

Providing data on 1993-94 graduates and completers from Pima Community College (PCC), in Arizona, this report presents tables showing the number and percentage of associate degrees, technical and advanced certificates, and basic certificates by type of degree or certificate; instructional program; ethnicity; and gender. Comparative data for the previous 9 years is also included. Highlighted findings include the following: (1) graduates and completers earned 1,928 awards in 1993-94, with associate degrees constituting 57% of these awards, basic certificates 29%, and technical and advanced certificates 14%; (2) minority students represented 27% of the total graduates; (3) women comprised 60% of graduates; (4) the relative distribution of the three types of awards has been consistent over the previous 9 years, with more than twice as many basic certificates being awarded than the combined number of advanced and technical certificates; (5) the number of advanced and technical certificates awarded during the last 10 years ranged from a low of 119 in 1987-88 to a high of 265 in 1991-92; (6) the highest number of degrees awarded was 1,162 in 1991-92; (7) in 1993-94, the largest percentages of total degrees were awarded in general studies (35%), nursing (11%), business administration (6%), and legal assistant (5%); (8) the largest percentages of advanced and technical degrees were awarded in practical nursing (19%), wastewater technology (14%), hazardous materials technology (13%), and water technology (11%); and (9) the most frequently awarded basic certificate was in the emergency medical technology program (48%). Appendixes provide tables showing number and percent of degrees, technical and advanced certificates, and basic certificates awarded by program, ethnicity and gender. (KP)

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1993-94 Graduates and Completers Summary

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Pima Community College
1993-94 Graduates and Completers Summary

Executive Summary

Graduates and completers earned 1,928 awards in 1993-94. Degrees constituted the majority (57%) of these awards. Specifically, the Associate of Applied Science (AAS) was the most frequent degree awarded, while the basic certificate was the most frequent certificate earned.

Minority students represented 27% of the total graduates. A greater proportion of women (60%) earned degrees then men (40%). However, within the degrees, a greater proportion of men (59%) earned an Associate of Science degree than women (41%).

A ten-year comparison of awards indicates that the relative distribution of the three types of awards has been consistent. Historically, more than twice as many basic certificates have been awarded than the combined number of advanced and technical certificates. The number of advanced and technical certificates awarded during the last ten years ranged from a low of 119 in 1987-88 to a high of 265 in 1991-92. The highest number of degrees awarded (1,162) was in 1991-92.

Among specific programs, the largest percentages of total degrees were awarded in general studies (35%), nursing (11%), business administration (6%) and legal assistant (5%). The largest percentages of advanced and technical certificates were awarded in practical nursing (19%), wastewater technology (14%), hazardous materials technology (13%) and water technology (11%). The most frequently awarded basic certificate was in the emergency medical technology program (48%).

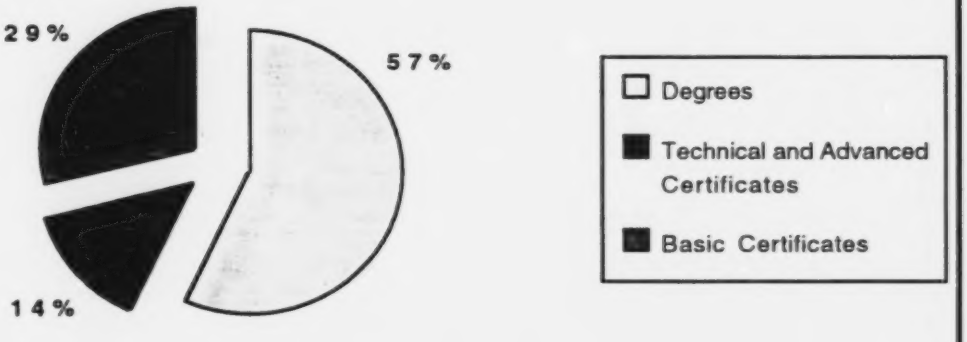
Pima Community College
1993-94 Graduates and Completers Summary

This report presents information about Pima Community College's (PCC) Summer 1993, Fall 1993 and Spring 1994 graduates. The number and percentage of associate degrees and certificates (basic, technical, and advanced) awarded to graduates and completers are categorized by type of degree or certificate, instructional program, ethnicity, and gender. In addition, information from 1993-94 is compared to the data from the previous nine years.

Total 1993-94 Degrees and Certificates

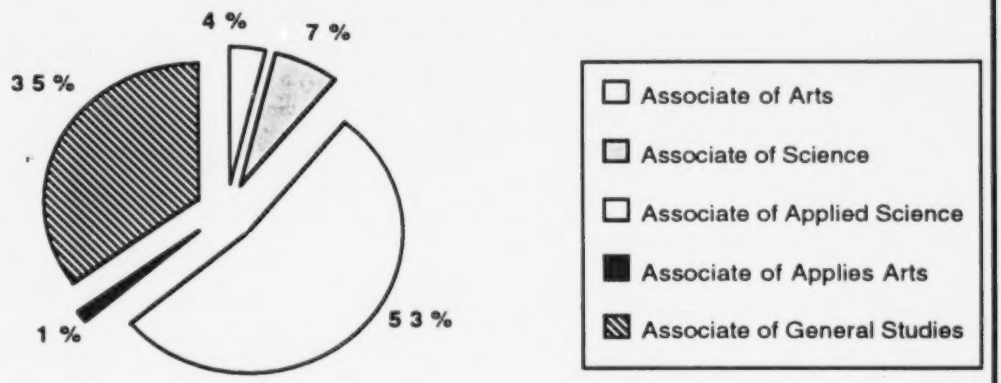
Total Awards. Graph 1 and Tables 1-2 show that degrees constituted almost three-fifths of the 1,928 total awards, followed by basic certificates (29%), and combined technical and advanced certificates (14%). There were 20 times as many advanced certificates awarded as technical certificates.

Graph 1. Percentage of 1993-94 Awards by Type of Award



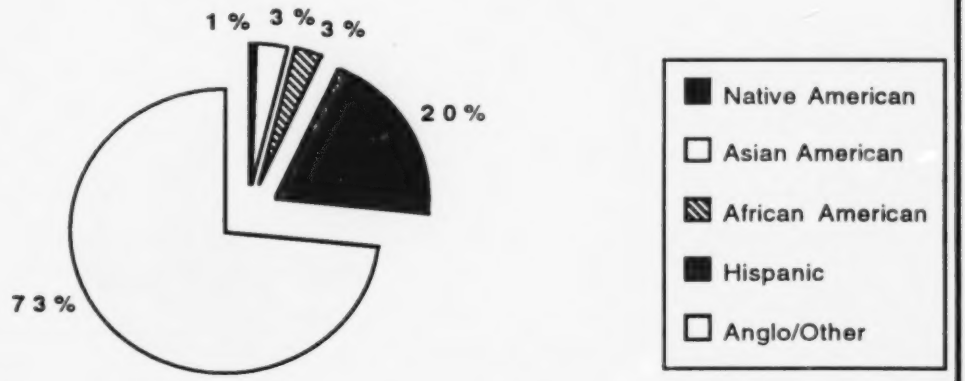
Types of Degrees Awarded. Graph 2 and Tables 1-2 show that among the total 1,094 degrees, PCC most often awarded the Associate of Applied Science degree (53%). Additionally, more than one-third of the degrees were Associate of General Studies (35%), followed by Associate of Science (7%), Associate of Arts (4%), and Associate of Applied Arts (1%).

Graph 2. Percentage of 1993-94 Degrees Awarded by Degree Type



Ethnic Differences. Minority students received more than one quarter of the total degrees and certificates awarded (Graph 3). Table 1 shows that minority students were more likely to receive an Associate of Science degree (34% of awards) and least likely to receive an Associate of Applied Arts degree (8% of

Graph 3. Total Degrees and Certificates by Ethnicity



awards). The fourteen degrees awarded to Native Americans followed the overall degree distribution with the greatest number of awards for the Associate of Applied Science. African Americans were more likely to earn an Associate of General Studies degree (63% of the degrees awarded to African

Table 1. Number and Percentage of Degrees and Certificates Awarded 1993-94 Graduates and Completers by Ethnicity

Degree/ Cert. Awarded	Ethnicity										Total			Minority Total	
	Native American		Asian American		African American		Hispanic		Anglo/ Other			% of Sub Total	% of Grand Total		
	N	%	N	%	N	%	N	%	N	%	N			N	%
Assoc. of Arts	0	0%	1	3%	0	0%	8	20%	30	77%	39	4%	2%	9	23%
Assoc. of Science	3	4%	4	5%	2	3%	16	22%	49	66%	74	7%	4%	25	34%
Assoc. of Applied Science	6	1%	8	1%	13	2%	114	20%	442	76%	583	53%	30%	141	24%
Assoc. of Applied Arts	0	0%	0	0%	0	0%	1	8%	11	92%	12	1%	1%	1	8%
Assoc. of General Studies	5	1%	10	3%	25	6%	76	20%	270	70%	386	35%	20%	116	30%
Total Degrees	14	1%	23	2%	40	4%	215	20%	802	73%	1094	100%	57%	292	27%
Technical Cert.	0	0%	0	0%	0	0%	3	23%	10	77%	13	5%	1%	3	23%
Advancd Cert.	6	2%	8	3%	8	3%	44	18%	185	74%	251	95%	13%	66	26%
Total Tech./ Adv. Cert.	6	2%	8	3%	8	3%	47	18%	195	74%	264	100%	14%	69	26%
Total Basic Cert.	10	2%	19	3%	14	2%	119	21%	408	72%	570	100%	29%	162	28%
Total Degrees & Cert.	30	1%	50	3%	62	3%	381	20%	1405	73%	1928		100%	523	27%

Americans were for General Studies). Hispanic students earned 20% of the degrees awarded.

Overall, ethnic minorities earned 26% of the technical and advanced certificates awarded. Similarly, ethnic minorities earned 28% of the basic certificates awarded.

Gender Differences. As shown in Graph 4 and Table 2, women earned more awards (57%) than did men. Women received the majority (60%) of the degrees, including 92% of the Associate of Applied Arts degrees. However, more Associate of Science degrees were earned by men (59%) than women. Although 53% of the advanced certificates were earned by women, 92% of the technical certificates were awarded to men. Women earned more basic certificates (53%) than did men.

Graph 4. Total Degrees and Certificates by Gender

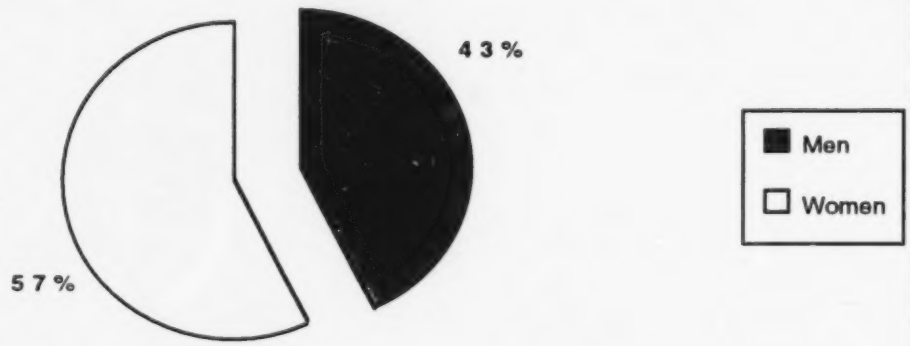


Table 2. Number and Percentage of Degrees and Certificates Awarded 1993-94 Graduates and Completers by Gender

Degree/ Cert. Awarded	Gender				Total		
	Men		Women			% of Sub Total	% of Grand Total
	N	%	N	%	N		
Associate of Arts	15	38%	24	62%	39	4%	2%
Associate of Science	44	59%	30	41%	74	7%	4%
Associate of Applied Science	228	39%	355	61%	583	53%	30%
Associate of Applied Arts	1	8%	11	92%	12	1%	1%
Associate of General Studies	150	39%	236	61%	386	35%	20%
Total Degrees	438	40%	656	60%	1094	100%	57%
Technical Certificates	12	92%	1	8%	13	5%	1%
Advanced Certificates	117	47%	134	53%	251	95%	13%
Total Technical/ Advanced Cert.	129	49%	135	51%	264	100%	14%
Total Basic Certificates	268	47%	302	53%	570	100%	29%
Total Degrees & Certificates	835	43%	1093	57%	1928		100%

Ten-year Comparison of Degrees and Certificates

Graph 5 and Table 3 show the number of degrees and certificates awarded between 1984-85 and 1993-94. Between 1986-87 and 1991-2, there was a steady increase in the number of degrees awarded, reaching a high of 1,162 in 1991-92. Since 1992-93, there has been a slight decline in the number of degrees awarded. The number of advanced and technical certificates awarded has remained fairly stable since 1992-92. Since 1990-91, the annual number of Basic Certificates awarded has been greater than 500 awards.

Throughout this ten-year period, the majority of awards have been associate degrees, ranging from a low of 57% in both 1992-93 and 1993-94 to a high of

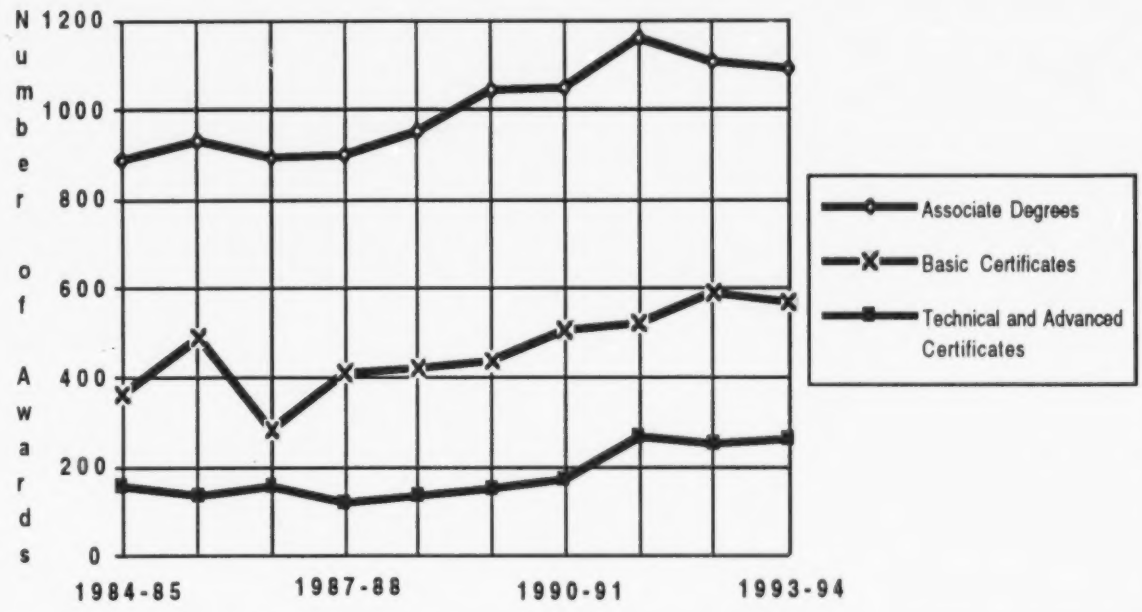
Table 3. Number and Percent of Degrees and Certificates Awarded from 1984-85 to 1993-94

Year	Associate Degrees		Technical and Advanced Certificates		Total Number of Degees and Tech./Adv. Certificates	Number of Graduates* (Undupl.)	Basic Certificates		Total Number of Awards
	N	% of Total Awards	N	% of Total Awards			N	% of Total Awards	
1984-85	888	63%	156	11%	1,044	935	364	26%	1,408
1985-86	931	60%	132	9%	1,063	991	488	31%	1,551
1986-87	896	67%	153	12%	1,049	949	285	21%	1,334
1987-88	899	63%	119	8%	1,018	919	409	29%	1,427
1988-89	955	63%	132	9%	1,087	974	421	28%	1,508
1989-90	1,044	64%	148	9%	1,192	1,062	435	27%	1,627
1990-91	1,050	61%	170	10%	1,220	1,108	507	29%	1,727
1991-92	1,162	59%	265	14%	1,427	1,245	524	27%	1,951
1992-93	1,107	57%	253	13%	1,360	1,164	590	30%	1,950
1993-94	1,094	57%	264	14%	1,358	1,191	570	29%	1,928

* Graduates are persons awarded degrees and/or advanced/technical certificates

67% in 1986-87. Twice as many basic certificates were awarded in 1993-94 compared to 1986-87. The number of technical and advanced certificates awarded in 1993-94 were double the number awarded in 1988-89.

Graph 5. Number of Degrees and Cerificates Awarded from 1984-85 to 1993-94



Graduates and Completers by Program

Degrees by Program. In Appendix A (green section), the number and percentage of degrees awarded are categorized by instructional program, ethnicity, and gender. The largest percentages of total degrees were awarded in the following programs: general studies (35%), nursing (11%), business administration (6%), and legal assistant (5%).

The largest number of degrees awarded to minority students were in general studies (116 awards), business administration (24 awards), nursing (17 awards) and legal assistant (10 awards). Programs having 10 or more graduates with minority students earning more than 35% of those degrees are criminal justice (55%), hotel-motel management (50%), electronics technology (40%) and small business computer specialist (36%). Conversely, programs having 10 or more graduates with minority students earning less than 15% of those degrees are environmental technology (11%), liberal arts (10%), and social services-

substance abuse (0%) or microcomputer specialist (0%).

Men and women tend to earn degrees in different programs. Programs having 10 or more graduates with women earning more than 65% of the degrees are dental hygiene (100%), accounting (89%), legal assistant (84%), nursing (82%), social services (77%), social services-substance abuse (70%), and hotel-motel management (67%). Conversely, programs having 10 or more graduates with women earning less than 45% of the degrees are engineering (29%), criminal justice (25%), microcomputer technician (17%), environmental technology (11%), and electronics technology (0%).

Technical and Advanced Certificates by Program. Appendix B (blue section) displays the number and percentage of technical and advanced certificate recipients by instructional program, ethnicity, and gender. The proportion of technical and advanced certificates most often awarded were in the following programs: practical nursing (19%), wastewater technology (14%), hazardous materials management (13%), water technology (11%), and dental assisting education (8%).

Programs having 10 or more graduates with minority students earning more than 35% of those certificates are data entry operator (50%), dental assisting education (45%), and accounting (42%). For those programs having 10 or more graduates, minority students earned 6% of the certificates in hazardous material management.

Programs having 10 or more graduates with women earning more than 65% of the certificates are dental assisting education (96%), accounting (92%) data entry operator (92%), and practical nursing (86%). Conversely, programs having 10 or more graduates with women earning less than 45% of the certificates are wastewater technology (12%), water technology (11%), and hazardous material management (3%).

Basic Certificates by Program. The number and percentage of basic certificates awarded are categorized by instructional program, ethnicity, and gender in Appendix C, (salmon section). The largest proportion of awards were in the emergency medical technology program (48%) nursing assistant program (12%) and business administration (7%).

Programs having 10 or more graduates with minority students earning more than 35% of those basic certificates are business administration (63%) and nursing assistant (38%). Conversely, minority students earned 13% of the basic

certificates in the microcomputer technician program.

Programs having 10 or more graduates with women earning more than 65% of the basic certificates are nursing assistant (83%), pharmacy technology (67%), social service (67%), and social service-substance abuse (67%). Conversely, a program having 10 or more graduates with women earning less than 45% of the basic certificates was microcomputer technician having only 13% of the basic certificates earned by women.

Appendix A
Number and Percent of 1993-94 Degrees Awarded by Degree Program, Ethnicity and Gender

Appendix A. **Number and Percent of 1993-94 Degrees Awarded by Degree Program, Ethnicity and Gender**

Program	Ethnicity					Gender		Total		Total Minority	
	Native American	Asian American	African American	Hispanic	Anglo/ Other	Men	Women		% of Total		
	N %	N %	N %	N %	N %	N %	N %	N	Degrees	N	%
Accounting											
Accounting			1 3%	6 16%	31 81%	4 11%	34 89%	38	3%	7	19%
Administration of Justice											
Corrections				3 50%	3 50%	4 67%	2 33%	6	1%	3	50%
Criminal Justice				11 55%	9 45%	15 75%	5 25%	20	2%	11	55%
Advertising Art & Computer Graphics											
Advertising Art				1 25%	3 75%		4 100%	4	<1%	1	25%
Computer Art					2 100%	1 50%	1 50%	2	<1%		
Computer Graphics		1 100%				1 100%		1	<1%	1	100%
Computer Graphic /Computer Art					1 100%	1 100%		1	<1%		
Desk Top				1 25%	3 75%		4 100%	4	<1%	1	25%
Technical Illustration					1 100%	1 100%		1	<1%		
Apprentice Related Instruction											
Trade & Industrial Technology					2 100%	2 100%		2	<1%		

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Program	Ethnicity					Gender		Total	
	Native American	Asian American	African American	Hispanic	Anglo/ Other	Men	Women	% of Total	Total Minority
	N %	N %	N %	N %	N %	N %	N %	N Degrees	N %
Arts									
Applied Arts					2 100%		2 100%	2 <1%	
Fine Arts		1 25%			3 75%	1 75%	3 75%	4 <1%	1 25%
Automotive Technology									
Automotive Technology	1 25%			2 50%	1 25%	4 100%		4 1%	3 75%
Aviation Mechanics									
Aviation Structural Repair				1 33%	2 67%	3 100%		3 <1%	1 33%
Biology									
Biology					1 100%		1 100%	1 <1%	
Pre-Medical				2 100%		1 50%	1 50%	2 <1%	2 100%
Pre-Medical Tech. & Microbiology					1 100%	1 100%		1 <1%	
Pre-Pharmacy					1 100%	1 100%		1 <1%	
Business Administration									
Business Administration		3 4%	4 6%	17 24%	47 66%	34 48%	37 52%	71 6%	24 34%

Appendix A. **Number and Percent of 1993-94 Degrees Awarded by Degree Program, Ethnicity and Gender**

Program	Ethnicity					Gender		Total		Total Minority	
	Native American	Asian American	African American	Hispanic	Anglo/ Other	Men	Women		% of Total		
	N %	N %	N %	N %	N %	N %	N %	N	Degrees	N	%
Chemistry											
Chemistry				1 33%	2 67%	1 33%	2 67%	3	<1%	1	33%
Computer Science											
Computer Prog./Analysis	1 8%		1 8%	1 8%	9 76%	6 50%	6 50%	12	1%	3	24%
Computer Science					1 100%	1 100%		1	<1%		
Small Business Computer Spec.	1 9%			3 27%	7 64%	6 55%	5 45%	11	1%	4	36%
Construction Drafting											
Construction Drafting					2 100%		2 100%	2	<1%		
Construction Technology											
Construction Tech./ Res./Lt. Com.				1 33%	2 67%	2 67%	1 33%	3	<1%	1	33%
Construction Tech./ Grading & Paving				1 100%		1 100%		1	<1%	1	100%
Dental Hygiene											
Dental Hygiene				4 25%	12 75%		16 100%	16	1%	4	25%

Appendix A. Number and Percent of 1993-94 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity					Gender		Total		Total Minority	
	Native American	Asian American	African American	Hispanic	Anglo/ Other	Men	Women		% of Total		
	N %	N %	N %	N %	N %	N %	N %	N	Degrees	N	%
Dental Lab. Technology											
Dental Lab. Technology				2 40%	3 60%	4 80%	1 20%	5	<1%	2	40%
Design											
Interior Design					2 100%		2 100%	2	<1%		
Drafting Technology											
Drafting, Mechanical				1 14%	6 86%	6 86%	1 14%	7	1%	1	14%
Electro-Mech. Drafting	1 11%			1 11%	7 78%	7 78%	2 22%	9	1%	2	22%
Drama											
Drama					1 100%		1 100%	1	<1%		
Early Childhood Education											
Teacher-Director	1 14%		1 14%	3 43%	2 29%		7 100%	7	1%	5	71%
Education											
Education					3 100%	1 33%	2 67%	3	<1%		
Pro-Professional Education				1 33%	2 67%		3 100%	3	<1%	1	33%
Pre-Prof. Education, Elementary				1 100%			1 100%	1	<1%	1	100%

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Program	Ethnicity					Gender		Total	
	Native American	Asian American	African American	Hispanic	Anglo/ Other	Men	Women	% of Total Degrees	Total Minority
	N %	N %	N %	N %	N %	N %	N %	N	N %
Education Continued									
Pre-Prof. Education, Secondary				1 100%			1 100%	1 <1%	1 100%
Electronics Technology									
Communication Elec. Technology					1 100%	1 100%		1 <1%	
Digital Electric Technology					1 100%	1 100%		1 1%	
Electronics Technology		1 10%		3 30%	6 60%	10 100%		10 1%	4 40%
Instrument. & Process Control					1 100%	1 100%		1 <1%	
Instrumentation Control					1 100%	1 100%		1 <1%	
Microcomputer Technician					12 100%	10 83%	2 17%	12 1%	
Engineering									
Electrical Engineering		1 100%				1 100%		1 <1%	1 100%
Engineering	1 8%	1 8%		1 8%	9 76%	10 71%	2 29%	12 1%	3 24%
Manufacturing Engr. Technology					2 100%	2 100%		2 <1%	

Appendix A. Number and Percent of 1993-94 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity					Gender		Total		Total Minority	
	Native American	Asian American	African American	Hispanic	Anglo/ Other	Men	Women		% of Total		
	N %	N %	N %	N %	N %	N %	N %	N	Degrees	N	%
Environmental Technology											
Environmental Technology				4 11%	33 89%	33 89%	4 11%	37	3%	4	11%
Wastewater Technology				1 100%		1 100%		1	<1%	1	100%
Finance											
Banking					1 100%	1 100%		1	<1%		
Credit Union				1 100%			1 100%	1	<1%	1	100%
Fire Science											
Fire Science			1 11%		8 89%	8 89%	1 11%	9	1%	1	11%
Fitness and Sport Science											
Fitness and Sport Science				1 100%			1 100%	1	<1%	1	100%
Foods, Clothing, Family Consumer Resources											
Fashion Design				1 33%	2 67%		3 100%	3	<1%	1	33%
Professional Seamstress				1 50%	1 50%		2 100%	2	<1%	1	50%

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Appendix A. Number and Percent of 1993-94 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity										Gender				Total			
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men		Women			% of Total	Total Minority	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	Degrees	N	%
General Studies																		
General Studies	5	1%	10	3%	25	6%	76	20%	270	70%	150	39%	236	61%	386	35%	116	30%
Graphic Technology																		
Graphic Arts: Graphic Artist									1	100%			1	100%	1	<1%		
Graphic Technology									1	100%	1	100%			1	<1%		
Hospitality																		
Hotel-Motel Management			1	8%			5	42%	6	50%	4	33%	8	67%	12	1%	6	50%
Restaurant, Culinary & Food Management							2	67%	1	33%	3	100%			3	<1%	2	67%
Tourism & Destination Development									5	100%	2	40%	3	60%	5	<1%		
International Business Communication Studies																		
International Bus. Communication			1	17%			3	50%	2	33%	2	33%	4	67%	6	1%	4	67%
Interpreter Training																		
Interpreter Training							1	13%	7	87%	1	13%	7	87%	8	1%	1	13%

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Program	Ethnicity							Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men		Women		N	% of Total Degrees	N	%
	N	%	N	%	N	%	N	%	N	%	N	%	N	%				
Landscape Technician																		
Landscape Technician					1	50%			1	50%	1	50%	1	50%	2	<1%	1	50%
Legal Assistant																		
Legal Assistant	1	2%					9	16%	45	82%	9	16%	46	84%	55	5%	10	18%
Liberal Arts and Sciences																		
Liberal Arts							1	10%	9	90%	4	40%	6	60%	10	1%	1	10%
Liberal Arts and Sciences							2	50%	2	50%	2	50%	2	50%	4	<1%	2	50%
Liberal Sciences							1	100%			1	100%			1	<1%	1	100%
Machine Tool Technology																		
Machine Tool Technology							1	20%	4	80%	4	80%	1	20%	5	<1%	1	20%
Media Communications																		
Print Media							1	100%			1	100%			1	<1%	1	100%
Tele-communication							1	50%	1	50%	1	50%	1	50%	2	<1%	1	50%

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Appendix A. Number and Percent of 1993-94 Degrees Awarded by Degree Program, Ethnicity and Gender

Program	Ethnicity										Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men		Women		N	% of Total Degrees	N	%
	N	%	N	%	N	%	N	%	N	%	N	%	N	%				
Nursing																		
Nursing			2	1%	1	1%	14	12%	102	86%	21	18%	98	82%	119	11%	17	14%
Office Education																		
Administrative Assistant			1	25%			1	25%	2	50%			4	100%	4	<1%	2	50%
Records Management, Medical									4	100%			4	100%	4	<1%		
Secretary, Executive							1	25%	3	75%			4	100%	4	<1%	1	25%
Secretary, General							1	100%					1	100%	1	<1%	1	100%
Secretary, Legal							3	60%	2	40%			5	100%	5	<1%	3	60%
Pharmacy Technology																		
Pharmacy Technology							1	50%	1	50%	1	50%	1	50%	2	<1%	1	50%
Postal Service Management																		
Postal Service Management									2	100%	1	50%	1	50%	2	<1%		
Production & Inventory Management																		
Production & Inventory Mgmt.									1	100%			1	100%	1	<1%		

Appendix A. **Number and Percent of 1993-94 Degrees Awarded by Degree Program, Ethnicity and Gender**

Program	Ethnicity										Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men		Women		N	% of Total Degrees	N	%
	N	%	N	%	N	%	N	%	N	%	N	%	N	%				
Public Administration																		
Public Administration	1	12%					2	25%	5	63%	6	75%	2	25%	8	1%	3	37%
Radiologic Technology																		
Radiologic Technology					1	4%	4	16%	20	80%	10	40%	15	60%	25	2%	5	20%
Respiratory Therapist Program																		
Respiratory Care	1	5%			1	5%	2	8%	18	82%	12	55%	10	45%	22	2%	4	18%
Social Services																		
Social Services					3	12%	3	12%	20	76%	6	23%	20	77%	26	2%	6	24%
Social Services, Gerontology									3	100%	1	33%	2	67%	3	<1%		
Social Services, Substance Abuse									10	100%	3	30%	7	70%	10	1%		
Speech Communication																		
Speech Communication									1	100%			1	100%	1	<1%		
Welding																		
Welding							1	100%			1	100%			1	<1%	1	100%

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Appendix A. **Number and Percent of 1993-94 Degrees Awarded by Degree Program, Ethnicity and Gender**

Program	Ethnicity										Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men		Women		N	% of Total Degrees	N	%
	N	%	N	%	N	%	N	%	N	%	N	%	N	%				
Youth Care																		
Youth Care							1	50%	1	50%	1	50%	1	50%	2	<1%	1	50%
Total	14	1%	23	2%	40	4%	215	20%	802	73%	438	40%	656	60%	1094	100%	292	27%

Appendix B
Number and Percent of 1993-94 Technical and Advanced Certificates Awarded by Program, Ethnicity and Gender

Appendix B. **Number and Percent of 1993-94 Technical and Advanced Certificates Awarded by Program, Ethnicity and Gender**

Program	Ethnicity							Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men		Women		% of Total Tech./ Adv. Cert.			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N		N	%
Accounting																		
Accounting			2	17%	1	8%	2	17%	7	58%	1	8%	11	92%	12	5%	5	42%
Air Conditioning																		
Air Conditioning, Heating, Ven.									3	100%	3	100%			3	1%		
Archaeology																		
Archaeological Fieldwork									2	100%	2	100%			2	1%		
Aviation Mechanics																		
Airframe/Power -plant Mechanics									1	100%			1	100%	1	<1%		
Aviation Structural Repair									1	100%	1	100%			1	<1%		
Business Administration																		
Business Administration							4	67%	2	33%			6	100%	6	2%	4	67%
Computer Science																		
Data Entry Operator	2	17%					4	33%	6	50%	1	8%	11	92%	12	5%	6	50%
Construction Drafting																		
Construction Drafting							1	50%	1	50%	2	100%			2	1%	1	50%

Appendix B. **Number and Percent of 1993-94 Technical and Advanced Certificates Awarded by Program, Ethnicity and Gender**

Program	Ethnicity					Gender		Total	
	Native American	Asian American	African American	Hispanic	Anglo/ Other	Men	Women	% of Total Tech./ Adv. Cert.	Total Minority
	N %	N %	N %	N %	N %	N %	N %	N	N %
Construction Technology									
Pre-Architecture					1 100%	1 100%		1 <1%	
Court Administration									
Court Administration				2 100%			2 100%	2 1%	2 100%
Dental Assisting Educ.									
Dental Assisting Education		2 9%	1 4%	7 32%	12 55%	1 4%	21 96%	22 8%	10 45%
Design									
Interior Design				1 100%			1 100%	1 <1%	1 100%
Interior/Functional Design				1 100%			1 100%	1 <1%	1 100%
Drafting Technology									
Electro-Mechanical/ Mechanical Drafting					1 100%	1 100%		1 <1%	
Early Childhood Education									
Teacher Aide/Assistant				3 75%	1 25%		4 100%	4 2%	3 75%

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Appendix B. Number and Percent of 1993-94 Technical and Advanced Certificates Awarded by Program, Ethnicity and Gender

Program	Ethnicity					Gender		Total	
	Native American	Asian American	African American	Hispanic	Anglo/ Other	Men	Women	% of Total Tech./ Adv. Cert.	Total Minority
	N %	N %	N %	N %	N %	N %	N %	N	N %
Electronics Technology									
Microcomputer Technician					7 100%	6 86%	1 14%	7	3%
Environmental Technology									
Hazardous Material Management				2 6%	33 94%	34 97%	1 3%	35	13% 2 6%
Wastewater Technology	1 3%		2 6%	3 8%	30 83%	32 88%	4 12%	36	14% 6 17%
Water Technology	1 3%		1 3%	4 14%	23 80%	26 89%	3 11%	29	11% 6 20%
Finance									
Credit Union					1 100%		1 100%	1	<1%
Fire Science									
Fire Science	1 100%					1 100%		1	<1% 1 100%
Fitness and Sport Science									
Fitness Technician				1 100%		1 100%		1	<1% 1 100%
Foods, Clothing, Family Consumer Resources									
Alteration Specialist					1 100%		1 100%	1	<1%

Appendix B. **Number and Percent of 1993-94 Technical and Advanced Certificates Awarded by Program, Ethnicity and Gender**

Program	Ethnicity					Gender		Total	
	Native American	Asian American	African American	Hispanic	Anglo/ Other	Men	Women	% of Total Tech./ Adv. Cert.	Total Minority
	N %	N %	N %	N %	N %	N %	N %	N	N %
Hospitality									
Executive Housekeeping					1 100%	1 100%		1 <1%	
Hospitality Sales and Marketing					1 100%	1 100%		1 <1%	
Meetings and Convention Mgmt.					1 100%	1 100%		1 <1%	
Travel Industry Management		2 29%			5 71%	1 14%	6 86%	7 3%	2 24%
Institutional Food Service									
Institutional Food Service					2 100%		2 100%	2 1%	
Landscape Technician									
Landscape Technician					1 100%		1 100%	1 <1%	
Machine Tool Technology									
Machinist's Standard Certificate				1 50%	1 50%	2 100%		2 1%	1 50%
Mental Health Technician									
Mental Health Technician					3 100%	1 33%	2 67%	3 1%	

Appendix B. **Number and Percent of 1993-94 Technical and Advanced Certificates Awarded by Program, Ethnicity and Gender**

Program	Ethnicity							Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men		Women		% of Total Tech./ Adv. Cert.			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N		N	%
Nursing																		
Practical Nursing	1	2%	2	4%	3	6%	4	8%	41	80%	7	14%	44	86%	51	19%	10	20%
Office Education																		
Bilingual Secretary							1	100%					1	100%	1	<1%	1	100%
Clerk-Typist							2	100%					2	100%	2	1%	2	100%
Receptionist							1	100%					1	100%	1	<1%	1	100%
Receptionist (General)							1	50%	1	50%			2	100%	2	1%	1	50%
Receptionist (Legal)							1	100%					1	100%	1	<1%	1	100%
Receptionist (Medical)									1	100%			1	100%	1	<1%		
Records Management, Medical									1	100%			1	100%	1	<1%		
Transportation and Traffic Management																		
Transportation & Traffic Management									1	100%			1	100%	1	<1%		
Welding																		
Welding							1	50%	1	50%	2	100%			2	1%	1	50%

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Appendix B. **Number and Percent of 1993-94 Technical and Advanced Certificates Awarded by Program, Ethnicity and Gender**

Program	Ethnicity										Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men		Women		% of Total Tech./ Adv. Cert.	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Youth Care																		
Youth Care									1	100%			1	100%	1	<1%		
Total	6	2%	8	3%	8	3%	47	18%	195	74%	129	49%	135	51%	264	100%	69	26%

Appendix C
Number and Percent of 1993-94 Basic Certificates Awarded by Program, Ethnicity and Gender

Appendix C. Number and Percent of 1993-94 Basic Certificates Awarded by Program, Ethnicity and Gender

Program	Ethnicity									Gender				Total			
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men		Women		% of Total Basic		Total Minority	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	Cert.	N	%
Advertising Art & Computer Graphics																		
Advertising Art									2	100%	1	50%	1	50%	2	<1%		
Advertising Art & Computer Graphics									2	100%	1	50%	1	50%	2	<1%		
Archaeology																		
Field Archaeology									6	100%	3	50%	3	50%	6	1%		
Automotive Technology																		
Tune-up/Air Conditioning					1	33%	1	34%	1	33%	3	100%			3	1%	2	67%
Automotive, Engine Repair & Overhaul									1	100%	1	100%			1	<1%		
Bilingual Business Administration																		
Bilingual Business Administration							2	100%					2	100%	2	<1%	2	100%
Business Administration																		
Business Administration	1	3%	2	5%			21	55%	14	37%	14	37%	24	63%	38	7%	24	63%
Computer Science																		
Data Entry Operator							3	33%	6	67%	1	11%	8	89%	9	2%	3	33%

Appendix C. **Number and Percent of 1993-94 Basic Certificates Awarded by Program, Ethnicity and Gender**

Program	Ethnicity					Gender		Total	
	Native American	Asian American	African American	Hispanic	Anglo/ Other	Men	Women	% of Total Basic	Total Minority
	N %	N %	N %	N %	N %	N %	N %	N Cert.	N %
Construction Drafting									
Construction Drafting	1 50%				1 50%	2 100%		2 <1%	1 50%
Construction Technology									
Construction Tech., Commerical Building					1 100%	1 100%		1 <1%	
Design									
Industrial/ Interior Design					2 100%		2 100%	2 <1%	
Electronics Technology									
Electronics Technology		1 50%			1 50%	2 100%		2 <1%	1 50%
General Electronics		1 20%		2 40%	2 40%	5 100%		5 1%	3 60%
Microcomputer Technician			1 4%	2 9%	20 87%	20 87%	3 13%	23 4%	3 13%
Emergency Medical Technology									
Emergency Medical Technology	1 <1%	7 3%	4 1%	44 16%	220 80%	166 60%	110 40%	276 48%	56 20%
Finance									
Credit Union					4 100%		4 100%	4 1%	

Appendix C. Number and Percent of 1993-94 Basic Certificates Awarded by Program, Ethnicity and Gender

Program	Ethnicity					Gender		Total	
	Native American	Asian American	African American	Hispanic	Anglo/ Other	Men	Women	% of Total Basic	Total Minority
	N %	N %	N %	N %	N %	N %	N %	N Cert.	N %
Fire Science									
Fire Science	1 17%		1 17%	1 16%	3 50%	4 67%	2 33%	6 1%	3 50%
Graphic Technology									
Graphic Technology					1 100%		1 100%	1 <1%	
Hospitality									
Executive Housekeeping	1 50%				1 50%	2 100%		2 <1%	1 50%
Food and Beverage Service		1 100%					1 100%	1 <1%	1 100%
Hotel Food & Beverage Mgmt.					4 100%	3 75%	1 25%	4 1%	
Hotel Operations		1 12%		4 44%	4 44%	3 33%	6 67%	9 2%	5 56%
Meeting & Convention Management					1 100%	1 100%		1 <1%	
Restaurant Management					2 100%	1 50%	1 50%	2 <1%	
Travel Industry		1 33%		1 34%	1 33%		3 100%	3 1%	2 67%
International Business Communications Studies									
International Bus. Communications		1 50%		1 50%			2 100%	2 <1%	2 100%

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Appendix C. **Number and Percent of 1993-94 Basic Certificates Awarded by Program, Ethnicity and Gender**

Program	Ethnicity							Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men	Women	% of Total Basic Cert.			
	N	%	N	%	N	%	N	%	N	%	N %	N %	N		N	%
Interpreter Training																
Sign Language							1	14%	6	86%		7 100%	7	1%	1	14%
Machine Tool Technology																
Machine Shop Fundamentals									1	100%	1 100%		1	<1%		
Nursing																
Nursing Assistant	2	3%	4	6%	3	4%	18	25%	44	62%	12 17%	59 83%	71	12%	27	38%
Office Education																
Bilingual Secretary							7	88%	1	12%		8 100%	8	1%	7	88%
Pharmacy Technology																
Pharmacy Technology							4	27%	11	73%	5 33%	10 67%	15	3%	4	27%
Quality Systems Technology																
Quality Systems Technology									1	100%		1 100%	1	<1%		
Real Estate																
Real Estate Sales/Broker									1	100%	1 100%		1	<1%		

Appendix C. **Number and Percent of 1993-94 Basic Certificates Awarded by Program, Ethnicity and Gender**

Program	Ethnicity										Gender		Total		Total Minority	
	Native American		Asian American		African American		Hispanic		Anglo/ Other		Men		Women		N	% of Total Basic Cert.	N	%
	N	%	N	%	N	%	N	%	N	%	N	%	N	%				
Social Services																		
Social Service	1	3%			4	15%	4	15%	18	67%	9	33%	18	67%	27	5%	9	33%
Social Service (Domestic)	1	13%					1	13%	6	74%			8	100%	8	1%	2	26%
Social Service (Substance)	1	6%					2	11%	15	83%	6	33%	12	67%	18	3%	3	17%
Training for Special Education																		
Training for Special Education									3	100%			3	100%	3	1%		
Welding																		
Welding									1	100%			1	100%	1	<1%		
Total	10	2%	19	3%	14	2%	119	21%	408	72%	268	47%	302	53%	570	100%	162	28%